National Security Space (NSS) Acquisition Policy 03-01 Process Briefing

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Alan Adams
Center of Systems Acquisition Development (CSAD)
The Aerospace Corp
310-336-7476, alan.l.adams@aero.org

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Why are we "Streamlining" DoD Space Acquisition?

- "The Department of Defense and the Intelligence Community would benefit from the **appointment of a single official within the Air Force with authority for the acquisition of space systems** for the Air Force and the NRO **based on the 'best practices' of each organization**." **--Space Commission Report Finding #8.**

- "The Under Secretary of the Air Force will be assigned as the Director of the NRO, designated the Air Force Acquisition Executive for Space, delegated Milestone Decision Authority for defense space programs through the Secretary of the Air Force. This will align Air Force and NRO programs and **permit both organizations to use each other's 'best practices.'"**

-- 8 May 01 SECDEF Space Commission Response Memo to Congress

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Background

- **New National Security Space (NSS) acquisition policy adopted in fall 2001 based on NRO Directive 7 process**
  - **Draft USecAF Policy 02-01 issued as initial guidance**
- **Defense Space Acquisition Board (DSAB) process still evolving as is local implementation at SMC**
- **Total of 4 IPAs and 2 DSABs completed so far**
- **New NSS Acquisition Policy 03-01 now issued as Interim Guidance (Feb 03) and awaiting final signature on <u>final</u> edition**
  - **Informal coordination on draft Policy started last November**
- **SMC PEO SAB (PSAB) process developed locally for those programs under AFPEO/SP authority**

NSS 03-01 Key Decision Points & Acquisition Phases

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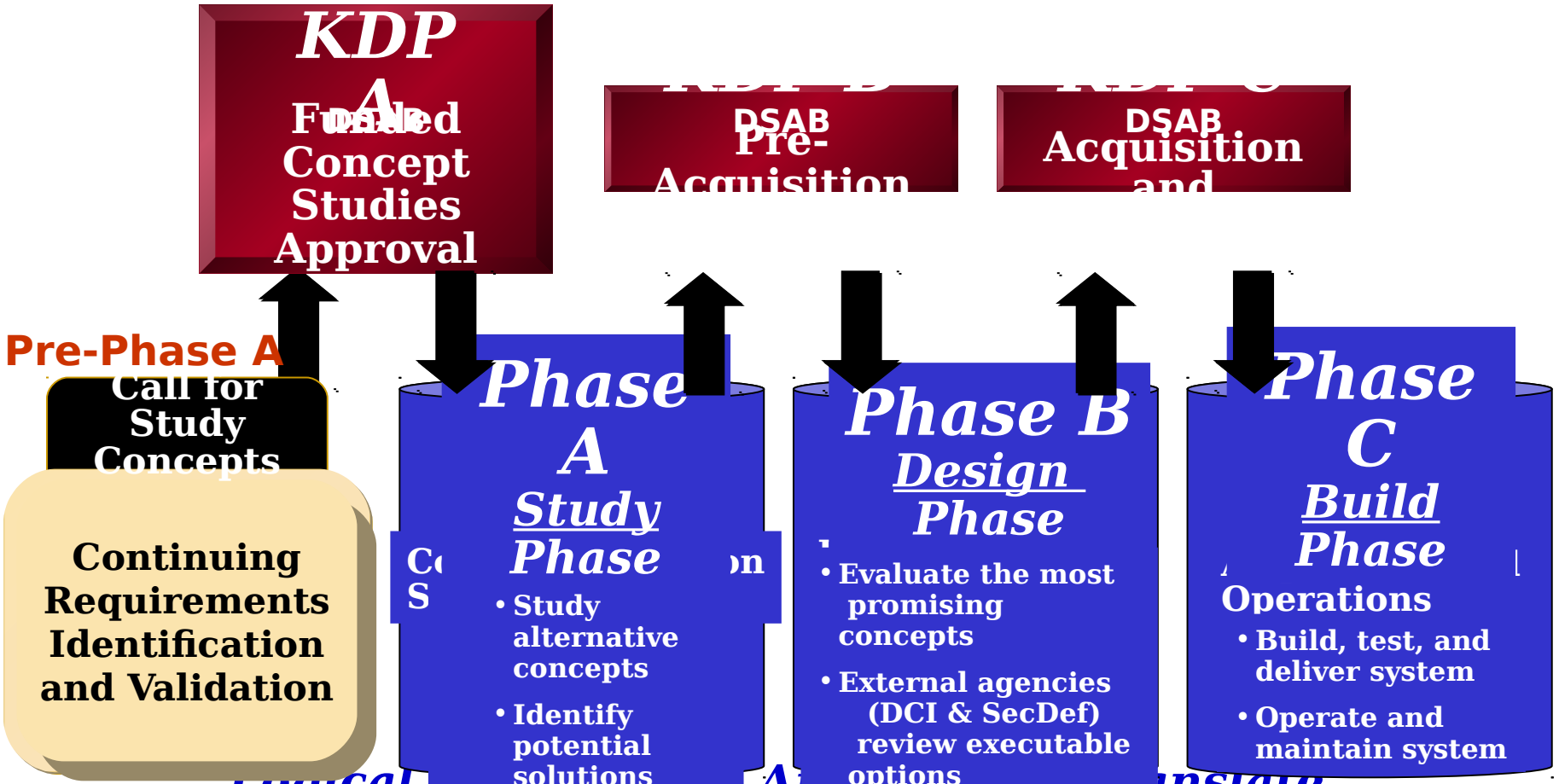

Logical, ... Appropriately Translate Broad Mission Needs into System -Specific Requirements

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What is a DSAB?

- Acquisition decision meeting held prior to entry into next acquisition phase
- USecAF is DSAB Chairman and the single point decision-maker
- Outside organizations invited to attend (Mission Partners, Stakeholders, and Users) and make recommendations to the Chairman – also involved in IPA
- Program manager presents program status and proposed approach to execute next acquisition phase
- Empowered IPA and ICA Teams present programmatic/technical and cost assessments of the program for the appropriate phase
- DSAB approval, through Acquisition Decision Memorandum (ADM), provides authorization for program office to proceed into next phase and defines what program is to accomplish

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Integrated Program Summary (NSS Acquisition Policy 03-01)

1. Acquisition Strategy
2. Execution Status of Program
3. ADM Exit Criteria & Direction at Previous KDP
4. Requirements Summary
5. Systems Engineering Process Review
6. Alternatives Assessed & Results
7. Most Promising Alternative & Rationale
8. Cost Drivers & Major Tradeoffs
9. Risk Assessment & Risk Reduction Plans
10. Support Issues (e.g. Manpower, Training, Logistics, Impact on Other Organizations, etc.
11. Interfaces with & Impacts on Other Systems and Architectures
12. Clinger Cohen Act Compliance
13. Program Protection Planning, Information Assurance, and Cryptological Systems
14. Developmental and Operational Testing Approach
15. Life Cycle Cost Estimate & FYDP Implications
16. Program Environmental, Safety, and Occupational Health Evaluation (PESHE)
17. Recommendations (ADM, Exit Criteria, etc.)

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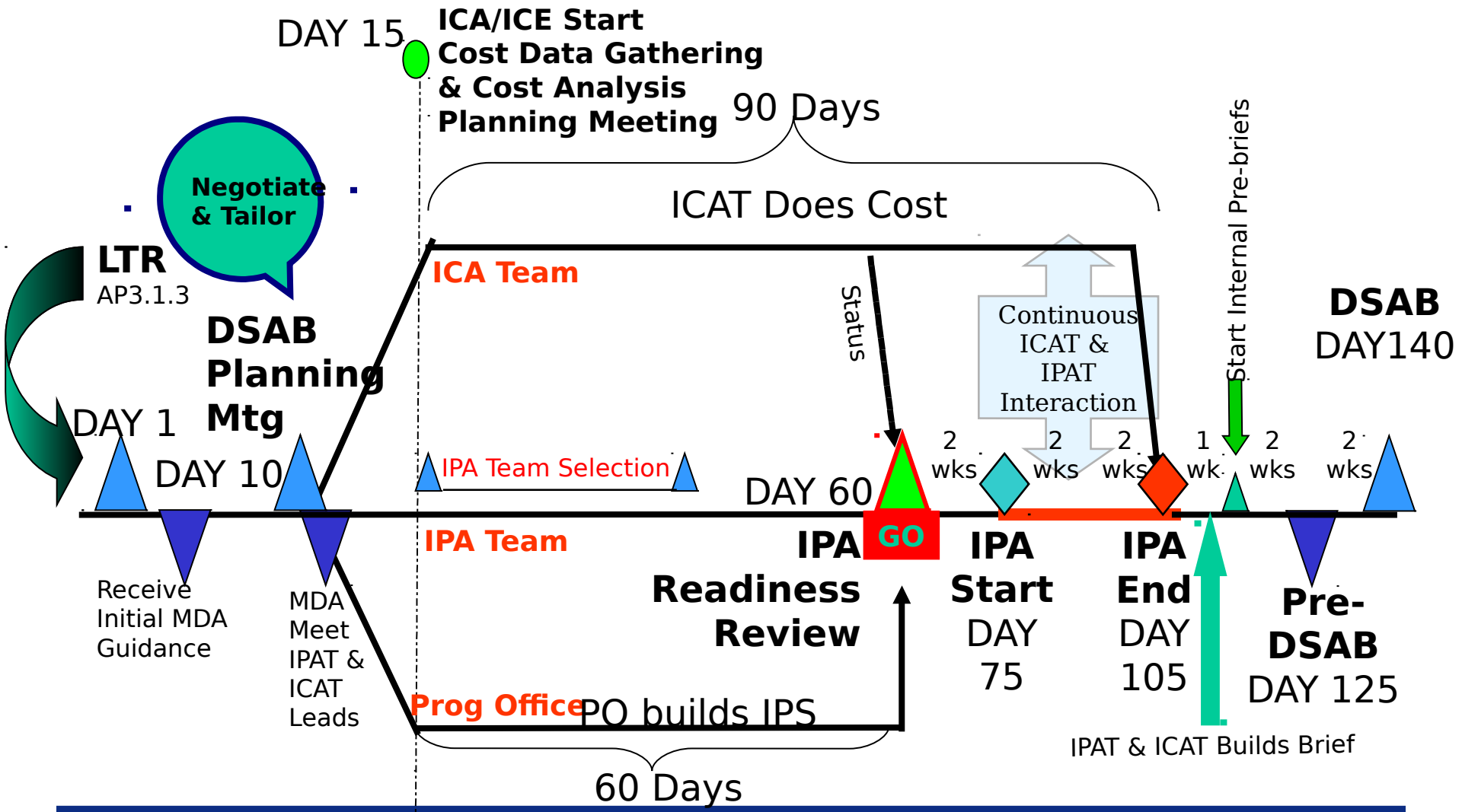
NSS 03-01 Policy Process



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Sources of DSAB Membership*: (AF Example)

* Tailored To Individual Program
* Requires Empowered Participants

USAF

SAF/AQ
SAF/FM
USAF/XO
USAF/XP
USAF/IL
USAF/SC
AFSPC/CC
AFMC/CC
PEO/Space Advisors

Mission Partners

USSPACECOM
CINCs NRO
DOT

Stakeholders, Users, & Customers

Army SMDC/CC; USD(C)
CNO/N6; DISA; USMC/C4I ;OME
USD(AT&L); NASA; OSD(PA&E)
NSSA; DOT&E; JCS J6 & J8
ASD/C3I; DDR&E; USD(P)
Navy SPAWARS/CC

- **USecAF is the Single Point Decision Maker for Space Acquisitions**
- **Other DSAB Members make Recommendations to USecAF**

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Changes

NSS Acquisition Policy 03-01

- 6 May 03 NSS Acq Process meeting agreements
- Added “Msn Success” & “Cost Realism” to Principles -- AP1.0
- Coord Acq docs w/ lead user/operating cmd -- AP1.0 & E3
- Removed ICBMs as example within policy -- AP2.1
- Added Concept Decision Mtg -- AP 2.2.1.1
- PA&E provides AoA Guidance -- AP2.2.1.2
- Defined System-level CONOP -- AP2.2.1.3
- CDD & CPD placement vs KDP-- AP2.2.2, AP2.2.3, AP2.2.5
- ICAT Leads can be other than OSD CAIG -- AP4.2.1
- Added Space Situational Awareness (SSA) rqmts – E2
- JROC Approved NSSA Architectures – E2 & E5.2
- Resolved Arch products and delivery timing w/ NII -- E2 & E5.11
- Adapted C4ISP process w/ NII -- E5.11
- Added Prog Protection (e.g. Rad Hard, Vulnerability) -- E5.4

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Summary

- **NSS Acquisition Policy 03-01 in final coordination and awaiting final signature**
- **Next scheduled DSAB for Transformational Communications MILSATCOM in Nov 03**
- **Process continuing to evolve along with local implementations**